



California Energy Commission Library

Recent Acquisitions April – June 2011

BATTERIES

Linden's handbook of batteries

Authors: Reddy, Thomas B.; Linden, David

Publisher: McGraw-Hill

Edition: 4th ed.

Year: 2011

Call number: 621.31242/L7446/201

BUILDINGS

ASHRAE greenguide: the design, construction, and operation of sustainable buildings

Corp. Author: American Society of Heating, Refrigerating and Air-Conditioning Engineers

Publisher: American Society of Heating Refrigerating and Air-Conditioning Engineers

Edition: 3rd

Year: 2010

Call number:A.82/A827a/2010

CLIMATE CHANGE

Climate change and cities: first assessment report of the urban climate change research network

Author: Rosenzweig, Cynthia

Publisher: Cambridge University Press

Year: 2011

Call number:363.7/C6396/2011

Climate stabilization targets: emissions, concentrations, and impacts over decades to millennia

Corp. Authors: National Research Council (U.S.). Board on Atmospheric Sciences and Climate;
National Research Council (U.S.). Committee on Stabilization, Targets for Atmospheric Greenhouse
Gas Concentrations

Publisher: National Academies Press

Year: 2011

Call number:363.73874/C6397/2011

DVD's

Extreme ice (DVD)

Authors: Balog, James; Dockstader, Noel

Corp. Author: PBS Home Video

Publisher: PBS Home Video

Year: 2009

Call number: CD CASE/363.738/E9698/2009

Fuel (DVD)

Authors: Tickell, Joshua; O'Hara, John; Reitman Greg; Rosenbloom Dale; Assael Daniel; Fisher, Darius; Harrell Rebecca

Corp. Authors: Cinema Libre Distribution; Blue Water Entertainment; Open Pictures,Hero BX ; Digital Neural Axis ; PIC Agency; Cinema Libre Studio

Publisher: Blue Water Entertainment /Cinema Libre Studio

Year: 2010

Call number: CD CASE/CB.93/F953/2010

Gasland (DVD)

Authors: Fox, Josh; Gandour, Molly; Adlesic, Trish; Sanchez, Matthew

Corp. Authors: International WOW Company; Gasland Productions; HBO Documentary Films; Docurama; New Video Group

Publisher: Docurama Films

Year: 2010

Call number: CD CASE/CC.33/G248/2010

Inside job (DVD)

Authors: Ferguson, Charles; Marrs, Audrey; Beck, Chad; Bolt, Adam; Damon, Matt; Heffes, Alex

Corp. Authors: Representational Pictures; Screen Pass Pictures; Sony Pictures Classics; Sony Pictures Home Entertainment

Publisher: Sony Pictures Home Entertainment

Year: A2011

Call number:CD CASE/338.542/I5917/2011

ECONOMICS

Animal spirits: how human psychology drives the economy, and why it matters for global capitalism

Authors: Akerlof, George A.; Shiller, Robert J.

Publisher: Princeton University Press

Year: 2010

Call number:330.1/A314/2010

ELECTRICITY AND ELECTRIC POWER

Air cooled steam condensers: performance test codes

Corp. Authors: American Society of Mechanical Engineers; American National Standards Institute

Publisher: American Society of Mechanical Engineers

Year: 2008

Call number: B.323/A2981/2007

Saving energy and reducing CO2 emissions with electricity

Author: Gellings, Clark W.

Publisher: Fairmont Press

Year: 2011

Call number: A.514/G319/2011

Electric power system basics: for the nonelectrical professional

Author: Blume, Steven Warren

Publisher: Wiley-Interscience /IEEE Press

Year: 2007

Call number: B.36/B6587/2007

Energy storage: a new approach

Author: Zito, Ralph

Publisher: Wiley-Blackwell /Scrivener

Year: 2010

Call number: B.37/Z822/2010

Understanding today's electricity business

AuthorS: Shively; Bob, Ferrare, John

Publisher: Enerdynamics

Edition: 5th

Year: 2010

Call number: B.65/S558/2010

ENERGY AND ECOLOGY

Building for a changing climate: the challenge for construction, planning and energy

Author: Smith, Peter F.

Publisher: Earthscan

Year: 2010

Call number: 307.1/S6567

ENERGY EFFICIENCY

Real prospects for energy efficiency in the United States

Corp. Authors: America's Energy Future; Panel on Energy Efficiency Technologies ; National Academy of Sciences ;National Academy of Engineering; National Research Council; National Academies Press

Publisher: National Academies Press

Year: 2010

Call number: A.711/R2883/2010

ENVIRONMENTAL ISSUES

Final supplemental environmental impact report: Southern California Edison Company's application for Devers-Palo Verde no. 2 transmission line project: Colorado River substation expansion

Corp. Authors: California Public Utilities Commission; Aspen Environmental Group

Publisher: California Public Utilities Commission

Year: 2011

Call number: E.501/D7581a/2011

HYDROLOGY

Water quality data: analysis and interpretation

Author: Hounslow, Arthur

Publisher: Lewis Publishers

Year: 1995

Call number: 628.161/H815/1995

OIL, PETROLEUM

Oil 101

Author: Downey, Morgan

Publisher: Wooden Table Press

Year: 2009

Call number: CB.93/D7489/2009

Oil, gas, coal & electricity: quarterly statistics

Corp. Author: Organisation for Economic Co-operation and Development, International Energy Agency

Publisher: OECD: IEA

Year: 4th qtr 2010

Call number: C.06/Q1a/yr/qtr

Retail year in review & 2011 profit outlook: a clear concise scorecard of the entire retail landscape

Corp. Author: Oil Price Information Service

Publisher: OPIS (Oil Price Information Service)

Year: 2011

Call number: CB.61/O619/2011/REF

When oil peaked

Author: Deffeyes, Kenneth S.

Publisher: Hill and Wang

Year: 2010

Call number:CB.22/D3136/2010

PIPELINES

A policy, legal, and regulatory evaluation of the feasibility of a national pipeline infrastructure for the transport and storage of carbon dioxide

Author: Bliss, Kevin

Corp. Author: Interstate Oil and Gas Compact Commission

Publisher: Interstate Oil and Gas Compact Commission

Year: 2010

Call number: A.514/P7666/2010

POLITICS AND GOVERNMENT

California public sector

Publisher: California Public Sector Publications

Call number:353.9794/C153p/yr/REF

California roster & government guide 2011

Author: State Net

Publisher: State Net

Year: 2011

Call number:353.9794/C153/2011/REF

RENEWABLE ENERGY

Recharge subscription (Serial)

Publisher: NHST Media Group

Call number: A.30/R296

SMART GRID

Securing the smart grid: next generation power grid security

Authors: Flick, Tony; Morehouse, Justin

Publisher: Syngress

Year: 2011

Call number: B.65/F621/2011

Smart power: climate change, the smart grid, and the future of electric utilities

Author: Fox-Penner, Peter S.

Publisher: Island Press

Year: 2010

Call number: B.65/F7936/2010

TRANSPORTATION

HCM2010: highway capacity manual.

Corp. Author: National Research Council, Transportation Research Board

Publisher: Transportation Research Board

Edition: 2010

Year: 2010

Call number: 388.3/H6388/2010

ENERGY COMMISSION AND CONTRACT PUBLICATIONS

AIR CONDITIONING

Numerical investigation of air-cooled steam condenser performance under windy conditions: PIER final project report

Authors: Owen, M.T.F.; Kroger, D.G.

Corp. Authors: California Energy Commission. Public Interest Energy Research; Institute for Thermodynamics and Mechanics

Publisher: California Energy Commission

Year: 2011

Call number: INTERNET

CEC Pub. #: CEC-500-2011-021

ALTERNATIVE FUELS

2011-2012 investment plan for the Alternative and Renewable Fuel and Vehicle Technology

Program: committee draft report

Authors: Smith, Charles; Roberts, Miles

Corp. Author: California Energy Commission. Emerging Fuels and Technologies Office

Publisher: California Energy Commission

Year: 2011

Call number: INTERNET

CEC Pub. #: CEC-600-2011-006-CT

An analytical framework to evaluate the sustainability of transportation fuels: consultant report

Author: Sheehy, Philip

Corp. Authors: California Energy Commission, TIAX LLC

Publisher: California Energy Commission

Year: 2011

Call number: INTERNET

CEC Pub. #: CEC-600-2010-008

APPLIANCES

Appliance market survey: consultant report

Author: Silva, Jeremy

Corp. Authors: California Energy Commission; Benningfield Group, Inc.

Publisher: California Energy Commission

Year: 2011

Call number: INTERNET

CEC Pub. #: CEC-400-2011-003

Draft proposed amendments to appliance efficiency regulations: California Code of Regulations

Title 20, sections 1601 through 1608: 2011 appliance efficiency rulemaking, phase II: battery chargers and lighting controls

Author: Singh, Harinder

Corp. Author: California Energy Commission. Appliances and Process Energy

Publisher: California Energy Commission

Year: 2011

Call number: INTERNET

CEC Pub. #: CEC-400-2011-005-SD

BOILERS

Field demonstration of prototype super boiler: PIER final project report

Authors: Chojnacki, Dennis; Gard, Vincent

Corp. Authors: California Energy Commission. Public Interest Energy Research; Gas Technology Institute

Publisher: California Energy Commission

Year: 2011

Call number: INTERNET

CEC Pub. #: CEC-500-2010-042

CLIMATE CHANGE

Climate change implications for managing northern California water resources in the latter 21st century: PIER final project report

Authors: Georgakakos, K. P.; Georgakakos, A. P.; Yao, H.

Corp. Authors: California Energy Commission. Public Interest Energy Research; Hydraulic Research Center; Georgia Water Resources Institute

Publisher: California Energy Commission

Year: 2011

Call number: INTERNET

CEC Pub. #: CEC-500-2010-051

COMMERCIAL BUILDINGS

The carbon dioxide abatement potential of California's mid-sized commercial buildings: PIER final project report

Author: Stadler, Michael

Corp. Authors: California Energy Commission. Public Interest Energy Research; Lawrence Berkeley National Laboratory

Publisher: California Energy Commission

Year: 2011

Call number: INTERNET

CEC Pub. #: CEC-500-2010-050

High-performance high-tech buildings: PIER final project report

Author: Tschudi, William

Corp. Authors: Lawrence Berkeley National Laboratory, California Energy Commission. Public Interest Energy Research

Publisher: California Energy Commission

Year: 2011

Call number: INTERNET

CEC Pub. #: CEC-500-2009-090

ELECTRICITY AND ELECTRIC POWER

Expected path 26 power flows under high load conditions: draft staff paper

Authors: Marshall, Lynn; Pryor, Marc; Vidaver, David

Corp. Author: California Energy Commission. Electricity Analysis Office

Publisher: California Energy Commission

Year: 2011

Call number: INTERNET

CEC Pub. #: CEC-200-2011-003-SD

Power source disclosure program prerulemaking draft regulations: staff report

Author: Gonzalez, Lorraine

Corp. Author: California Energy Commission. Renewable Energy Office

Publisher: California Energy Commission

Edition: 2nd draft

Year: 2011

Call number: INTERNET

CEC Pub. #: CEC-300-2011-003-SD

Summer 2011 electricity supply and demand outlook: staff report

Author: Pryor, Marc

Corp. Author: California Energy Commission. Electricity Analysis Office

Publisher: California Energy Commission

Year: 2011

Call number: INTERNET

CEC Pub. #: CEC-200-2011-004

Updated California energy demand forecast 2011-2022: draft staff report

Author: Kavalec, Chris

Corp. Author: California Energy Commission. Demand Analysis Office

Publisher: California Energy Commission

Year: 2011

Call number: INTERNET

CEC Pub. #: CE200-2011-006-SD

ELECTRONICS

Office plug load field monitoring report: PIER final project report

Corp. Authors: California Energy Commission. Public Interest Energy Research; Ecos

Publisher: California Energy Commission

Year: 2011

Call number: INTERNET

CEC Pub. #: CEC-500-2011-010

Research findings on consumer and office electronics: PIER final project report

Corp. Authors: California Energy Commission. Public Interest Energy Research, Ecos

Publisher: California Energy Commission

Year: 2011

Call number: INTERNET

CEC Pub. #: CEC-500-2011-028

ENERGY AND ECOLOGY

Life history parameters of common southern California marine fishes: PIER final project report

Authors: Miller, Eric F.; Mitchell, Charles T.

Corp. Authors: California Energy Commission. Public Interest Energy Research; MBC Applied

Environmental Sciences

Publisher: California Energy Commission

Year: 2011

Call number: INTERNET

CEC Pub. #: CEC-500-2011-008

ENERGY CONSERVATION

Efficiency programs: incorporating historical activities into Energy Commission demand forecasts: draft staff paper

Authors: Kavalec, Chris; Schultz, Don

Corp. Author: California Energy Commission. Demand Analysis Office

Publisher: California Energy Commission

Year: 2011

Call number: INTERNET

CEC Pub. #: CEC-200-2011-005-SD

FOOD INDUSTRY

High efficiency gas-fired drum dryer for food procession applications: PIER final project report

Author: Chudnovsky, Yaroslav

Corp. Authors: California Energy Commission. Public Interest Energy Research; Gas Technology

Institute. End-Use Solutions

Publisher: California Energy Commission

Year: 2011

Call number: INTERNET

CEC Pub. No CEC-500-2010-043

HOME ENERGY

Los Vecinos monitoring report: an affordable multifamily zero energy new homes project: PIER final project report

Authors: Do, Peter; Meacham, Jim; Bardacke, Ted

Corp. Authors: CTG Energetics ; Inc,Global ; Green USA, California Energy Commission. Public Interest Energy Research

Publisher: California Energy Commission

Year: 2011

Call number: INTERNET

CEC Pub. #:CEC-500-2010-035

Utility-focused market model for zero energy new homes: PIER final project report

Author: Porter, Judie

Corp. Authors: California Energy Commission. Public Interest Energy Research; Architectural Energy Corporation

Publisher: California Energy Commission

Year: 2011

Call number: INTERNET

CEC Pub. #: CEC-500-2010-047

HYDROLOGY

Conjunctive use of aquifers and reservoirs: tradeoffs between energy generation and water supply: PIER project report

Authors: Dracup, John; Dale, Larry

Corp. Authors: California Energy Commission. Public Interest Energy Research; Lawrence Berkeley National Laboratory. University of California, Berkeley

Publisher: California Energy Commission

Year: 2011

Call number: INTERNET

CEC Pub.#CEC-500-2010-023

Drought analyses of the California central valley surface-groundwater conveyance system: PIER final project report

Authors: Dale, L. L.; Vicuna, S. D.; Kadir, T. N.

Corp. Authors: California Energy Commission. Public Interest Energy Research; Lawrence Berkeley National Laboratory. University of California, Berkeley; California. Dept. of Water Resources

Publisher: California Energy Commission

Year: 2011

Call number: INTERNET

CEC Pub. #: CEC-500-2011-022

Statewide assessment of water-related energy use for the year 2000: PIER final project report

Corp. Authors: California Energy Commission. Public Interest Energy Research; The Pacific Institute. University of California, Santa Barbara
Publisher: California Energy Commission
Year: 2011
Call number: INTERNET
CEC Pub. #: CEC-500-2009-100

Water and wastewater energy efficiency: PIER final project report

Author: Reekie, Linda
Corp. Authors: California Energy Commission. Public Interest Energy Research; Water Research Foundation
Publisher: California Energy Commission
Year: 2011
Call number: INTERNET
CEC Pub. #: CEC-500-2010-048

INFRASTRUCTURE

Localized health impacts report: for selected infrastructure projects awarded funding through the Alternative and Renewable Fuel and Vehicle Technology Program under solicitation PON-09-006 including the Alameda-Contra Costa Transit District project: staff report

Author: Magana, Pilar
Corp. Author: California Energy Commission. Emerging Fuels and Technologies Office
Publisher: California Energy Commission
Year: 2011
Call number: INTERNET
CEC Pub. #: CEC-600-2010-005-AD

LIGHTING

Lighting California's future: advanced LED downlighting system: PIER final project report

Corp. Authors: California Energy Commission. Public Interest Energy Research; California Lighting Technology Center, Architectural Energy Corporation
Publisher: California Energy Commission
Year: 2011
Call number: INTERNET
CEC Pub. #: CEC-500-2011-011

Lighting California's future: improved daylight performance of tubular daylighting devices: PIER final project report

Authors: Fernandes, Luis Lomelino; Taylor, Kerri

Corp. Authors: California Energy Commission. Public Interest Energy; Research, Architectural Energy Corporation ; California Lighting Technology Center; Solatube International Inc.

Publisher: California Energy Commission

Year: 2011

Call number: INTERNET

CEC Pub. #: CEC-500-2011-015

Lighting California's future: research program summary: PIER final program report

Author: Porter, Judie

Corp. Authors: California Energy Commission. Public Interest Energy Research; Architectural Energy Corporation

Publisher: California Energy Commission

Year: 2011

Call number: INTERNET

CEC Pub. # CEC-500-2011-016

Lighting California's future: smart light-emitting diode lighting in residential fans: PIER final project report

Corp. Authors: California Energy Commission. Public Interest Energy Research; California Lighting Technology Center; Architectural Energy Corporation

Publisher: California Energy Commission

Year: 2011

Call number: INTERNET

CEC Pub. #: CEC-500-2011-018

PHOTOVOLTAICS

Tracking the sun III: the installed cost of photovoltaics in the U.S. from 1998-2009

Authors: Barbose, Galen; Darghouth, Naim; Wiser, Ryan

Corp. Author: Lawrence Berkeley National Laboratory

Publisher: University of California

Year: 2010

Call number: INTERNET

RENEWABLE ENERGY

Developing renewable generation on state property: installing renewable energy on state buildings and other state-owned property: staff report

Author: Barker, Kevin

Corp. Author: California Energy Commission

Publisher: California Energy Commission

Year: 2011

Call number: INTERNET

CEC Pub.#: CEC-150-2011-001

Renewables portfolio standard 2007 procurement verification: RPS 2007 verification report: draft staff report

Authors: Barkalow, Gina; Daniels, Theresa

Corp. Author: California Energy Commission. Renewable Energy Office

Publisher: California Energy Commission

Year: 2011

Call number: INTERNET

CEC Pub. #: CEC-300-2011-002-SD

Renewables portfolio standard 2007 procurement verification: RPS 2007 verification report: draft commission report

Authors: Barkalow, Gina; Daniels, Theresa

Corp. Author: California Energy Commission. Renewable Energy Office

Publisher: California Energy Commission

Year: 2011

Call number: INTERNET

CEC Pub. #: CEC-300-2011-002-CMD

SUSTAINABLE DEVELOPMENT

Energy-efficient community development in California: Chula Vista: PIER final project report

Author: Newman, Doug

Corp. Authors: California Energy Commission. Public Interest Energy Research, San Diego State University, National Energy Center for Sustainable Communities

Publisher: California Energy Commission

Year: 2011

Call number: INTERNET

CEC Pub. #: CEC-500-2011-019

WIND ENERGY

Power and frequency control as it relates to wind-powered generation

Author: Undrill, John

Corp. Author: Lawrence Berkeley National Laboratory

Publisher: Ernest Orlando Lawrence Berkeley National Laboratory

Year: 2010

Call number: INTERNET